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(54) METHOD AND APPARATUS FOR TREATING BOG VAPORIZED IN LNG STORAGE EQUIPMENT

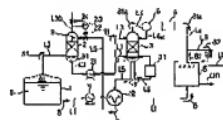
(57) Abstract

PURPOSE: To reduce the equipment cost and operating cost by dispensing with the use of a compressor which is expensive and consumes much electric power.

CONSTITUTION: The apparatus consists of an absorption tower 2 in which BOG 81 led through a BOG discharge line L2 is absorbed by an absorbent 9 to form a BOG absorbent solution 91, a stripping tower 3 in which the BOG absorbent solution 91 led through an absorbent solution discharge line L3 is externally heated to strip the BOG to form a stripped BOG 81a, an absorbent feedback line L5 through which the ab-

sorbent 9 regenerated by stripping BOG 81 in the tower 3 is fed back to the absorption tower 2, and a heat exchanger 12 in which heat exchange between LNG 8 led through an LNG discharge line L1 from an LNG tank 1 and the absorbent 9 flowing through the absorbent feedback line L5 is effected and which is installed in the absorbent feedback line L5.

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